

Safety Data Sheet

1. Identification

Product Code: Product PWDR49

Name: Recommended Lemon Lime Powder Flavor
Flavor for Food Manufacturing use only **Date:** 7/23/2026

Use: Supplied by: EXTRACT CONSULTANTS, LLC.
TERPENES - FLAVORS - BASES
2150 INDUSTRIAL DR, NILES MI
49120 www.extractconsultants.com
INFORMATION: 1-888-541-9089

Emergency Telephone: CHEMTREC - USA: 800-424-9300 International: +1 703-527-3887 / 1-800-424-9300
CCN: 1025270

2. Hazards Identification

GHS Classification

Comb. Dust

Symbol(s) of Product

No GHS Symbols Exist

Signal Word

Warning

Possible Hazards

8% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS

Combustible Dust (US OSHA) USH001 May form combustible dust concentrations in air.

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Ethyl alcohol	64-17-5	2.5-10	GHS02	H225
GLYCERYL TRIACETATE	102-76-1	1.0-2.5	No Information	No Information
Extract, lime (citrus aurantifolia)	90063-52-8	1.0-2.5	No Information	No Information
Lemon oil	8008-56-8	1.0-2.5	No Information	No Information
LEMON EXTRACT	84929-31-7	1.0-2.5	No Information	No Information

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

4. First-aid Measures

FIRST AID - INHALATION: If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.

FIRST AID - SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. IF IRRITATION

PERSISTS OR IF CONTACT HAS BEEN PROLONGED OBTAIN MEDICAL ATTENTION.

FIRST AID - EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF RUNNING WATER FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION IMMEDIATELY.

FIRST AID - INGESTION: Consult a physician if necessary.

MOST IMPORTANT SYSTEMS/EFFECTS, ACUTE AND DELAYED: Direct contact with eyes may cause temporary irritation.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Treat symptomatically and seek medical advice if you feel unwell.

5. Fire-fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: No Information

SPECIAL FIREFIGHTING PROCEDURES: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Gases hazardous to health may be formed during a fire.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS: Self-contained breathing apparatus and full protective gear are required in the case of fire.

EXTINGUISHING MEDIA: None Known

6. Accidental Release Measures

ENVIRONMENTAL PRECAUTIONS: None.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Shut off ignition source. Ventilate area and contain powder. Recover free product with apparatus suitable for picking up powder. Dispose as non-hazardous waste. Observe all applicable Federal, State or Local regulations.

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES: Avoid any inhalation of the dust in the case of a spill. Use an approved respirator if there is any chance of exposure to dust and/or fumes. Keep all unnecessary personnel away from the area.

7. Handling and Storage



Handling: Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

STORAGE: STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES. DO NOT PRESSURIZE DRUM CONTAINERS TO EMPTY THEM.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Ethyl alcohol	N.E.	1000 ppm	1000 ppm	N.E.
GLYCERYL TRIACETATE	N.E.	N.E.	N.E.	N.E.
Extract, lime (citrus aurantifolia)	N.E.	N.E.	N.E.	N.E.
Lemon oil	N.E.	N.E.	N.E.	N.E.
LEMON EXTRACT	N.E.	N.E.	N.E.	N.E.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
Sk = Skin Sensitizer N.E. = Not Established

Personal Protection



RESPIRATORY PROTECTION: No personal respiratory protective equipment normally required.



SKIN PROTECTION: NONE NORMALLY NEEDED



EYE PROTECTION : SAFETY GLASSES, GOGGLES, FACE SHEILD.



OTHER PROTECTIVE EQUIPMENT: NONE



HYGIENIC PRACTICES: Wash hands before breaks and immediately after handling the product.



APPROPRIATE ENGINEERING CONTROLS: Ventilation should effectively be able to remove and prevent any buildup of dusts or fumes generated during handling or thermal processing.

9. Physical and Chemical Properties

Appearance:	WHITE TO OFF WHITE	Physical State:	POWDER
Odor:	LEMON LIME	Odor Threshold:	Not Measured
Density, g/cm3:	0.120077	pH:	Not Measured
Freeze Point, °C:	Not Measured	Viscosity:	Not Measured
Soluble in Water	Not Measured	Partition Coefficient, n-octanol/ water:	Not Measured
Decomposition temperature, °C	Not Measured		
Boiling Range, °C:	Not Measured	Explosive Limits, %:	Not Measured
Combustibility:	Does not Support Combustion	Flash Point, °C:	200°F
Evaporation Rate:	Not Measured	Auto-Ignition Temperature, °C	Not Measured
Vapor Density:	Not Measured	Vapor Pressure, mmHg:	Not Measured

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: EXTREME HEAT, SPARKS, AND OPEN FLAME

INCOMPATIBILITY: NONE

Hazardous decomposition products: NONE

REACTIVITY: This product is stable and non-reactive under normal conditions of use, storage, and transport.

POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reactions are known under normal conditions.

11. Toxicological Information

Effect of overexposure - inhalation: GENERALLY NON TOXIC UNLESS LARGE QUANTITIES ARE INGESTED.

Effect of overexposure - skin: Not expected to cause skin problems under normal use conditions.

Effect of overexposure - eye contact: Not expected to cause eye problems under normal use conditions.

Effect of overexposure - ingestion: NONE EXPECTED

CARCINOGENICITY: This product does not contain any carcinogenic substances as classified by IARC, NTP, ACGIH or OSHA.

PRIMARY ROUTE(S) OF ENTRY: No Information

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
64-17-5	Ethyl alcohol	7060 mg/kg Rat	N.I.	124.7 mg/L Rat
102-76-1	GLYCERYL TRIACETATE	3000 mg/kg Rat	>2000 mg/kg Rabbit	>1721 mg/L Rat
8008-56-8	Lemon oil	2840 mg/kg Rat	N.I.	N.I.

N.I. = No Information

12. Ecological Information

ECOLOGICAL INFORMATION: Ecological injuries are not known or expected under normal use.

13. Disposal Information

DISPOSAL METHOD: Dispose of material in accordance with applicable federal, state and local regulations.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Shut off ignition source. Ventilate area and contain powder. Recover free product with apparatus suitable for picking up powder. Dispose as non-hazardous waste. Observe all applicable Federal, State or Local regulations.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No special transport precautions are necessary.

DOT Proper Shipping Name:	No Information	Packing Group:	II
DOT Technical Name:	No Information	Hazard SubClass:	Non-Hazardous
DOT Hazard Class:	Non-Hazardous	Resp. Guide Page:	No Information
DOT UN/NA Number:	No Information		

15. Regulatory Information**U.S. Federal Regulations:****CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

None Known

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product.

U.S. State Regulations:**NEW JERSEY RIGHT-TO-KNOW:**

The following materials are required to be listed under the New Jersey Right-to-Know Regulations:

<u>Chemical Name</u>	<u>CAS-No.</u>
Maltodextrin	9050-36-6
Water	7732-18-5
Starch	9005-25-8

Amylopectin, hydrogen 1-octenylbutanedioate	125109-81-1
Ethyl alcohol	64-17-5
GLYCERYL TRIACETATE	102-76-1
Extract, lime (citrus aurantifolia)	90063-52-8
Lemon oil	8008-56-8
LEMON EXTRACT	84929-31-7

PENNSYLVANIA RIGHT-TO-KNOW

The following ingredients are present in the product at greater than 3% or are hazardous above their threshold:

<u>Chemical Name</u>	<u>CAS-No.</u>
Maltodextrin	9050-36-6
Water	7732-18-5
Starch	9005-25-8
Amylopectin, hydrogen 1-octenylbutanedioate	125109-81-1

CALIFORNIA PROPOSITION 65 CARCINOGENS

This product contains the following chemicals known to the state of California to cause Cancer. For more information, go to www.P65Warnings.ca.gov

<u>Chemical Name</u>	<u>CAS-No.</u>
Ethyl alcohol	64-17-5

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

This product contains the following chemicals known to the state of California to cause birth defects, or other reproductive hazards. For more information, go to www.p65Warnings.ca.gov

<u>Chemical Name</u>	<u>CAS-No.</u>
Ethyl alcohol	64-17-5

International Regulations: As follows -

CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class No Information

16. Other Information

Revision Date: 7/23/2026
Reason for revision: Customer Request
Datasheet produced by: Regulatory Department

HMIS Ratings:

Volatile Organic Compounds, gr/ltr: 0

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H225 Highly flammable liquid and vapour.

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS02



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

This information is based on our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed. This shall not constitute a guarantee for any specific product feature, and shall not establish a legally valid contractual relationship.